

DS60 Switch-Rated Plugs & Receptacles – 60 A

UL/CSA Ratings

- **Max Amperage & Voltage**
60 A, 600 VAC
- **Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit
Disconnect Switching
- **Horsepower Ratings**

120 V	1Ø	3 hp
240 V	1Ø	5 hp
208 V	3Ø	10 hp
240 V	3Ø	10 hp
480 V	3Ø	25 hp
600 V	3Ø	25 hp
- **Short Circuit Rating**
100 kA Close & Withstand
Tested with RK1 current limiting
fuses sized at 400% of the highest
full load motor ampacity.
- **Environmental Ratings**
Type 4X/IP69/IP69K
- **Temperature Range**
Min -40°F/Max 140°F
See pg 266 for temps below -15°F.
- **Wiring Capacity**
Min 10 AWG Max 2 AWG
Aux Contacts - Max 14 AWG
Based on THHN wire sizes.
- **Certifications**
UL 2682, UL 1682, CSA 182.1

Receptacle (female)



Inlet (male)



! Don't forget to add installation accessories to your order

North American UL/CSA Configurations

Voltage	Polarity	Part #		Part #	
		Poly	Metal	Poly	Metal
120 V	1P+N+G	33-64165	37-64165	33-68165	37-68165
120 208 V	3P+N+G	33-64167	37-64167	33-68167	37-68167
125 V	1P+N+G	33-64075	37-64075	33-68075	37-68075
125 250 V	2P+N+G	33-64076	37-64076	33-68076	37-68076
208 V	2P+G	33-64162	37-64162	33-68162	37-68162
208 V	3P+G	33-64163	37-64163	33-68163	37-68163
250 V	2P+G	33-64072	37-64072	33-68072	37-68072
250 V	3P+G	33-64073	37-64073	33-68073	37-68073
277 V	1P+N+G	33-64045	37-64045	33-68045	37-68045
277 480 V	3P+N+G	33-64047	37-64047	33-68047	37-68047
347 600 V	3P+N+G	33-64147	37-64147	33-68147	37-68147
480 V	2P+G	33-64042	37-64042	33-68042	37-68042
480 V	3P+G	33-64043	37-64043	33-68043	37-68043
600 V	2P+G	33-64142	37-64142	33-68142	37-68142
600 V	3P+G	33-64143	37-64143	33-68143	37-68143

For international configurations and ratings (IEC, CE) visit meltric.com/international-catalog or contact Customer Service at 800-433-7642.

Main Options



Auxiliary/Pilot Contacts



Mushroom Pawl



Padlock Pawl



Closed Lid Configuration
Recommended for cord applications to keep lid tucked in to avoid damage.

Receptacle Options

Suffix

Inlet Options

Suffix

With 2 Auxiliary/Pilot Contacts

Recept # -972

With 2 Auxiliary/Pilot Contacts

Inlet # -972

With 3 Auxiliary/Pilot Contacts

Recept # -263

With 3 Auxiliary/Pilot Contacts

Inlet # -263

With 4 Auxiliary/Pilot Contacts

Recept # -264

With 4 Auxiliary/Pilot Contacts

Inlet # -264

Straight Insertion

Recept # -352~

Self-Ejecting Plug Release**

Inlet # -338

Self-Ejecting Connector Release**

Recept # -354~

With No Lockout Hole

Inlet # -A155

Mushroom Pawl

Recept # -375

For Auxiliary Switch

Inlet # -270+

Padlock Pawl

Recept # -843

Padlockable Mushroom Pawl

Recept # -375-843

Screw-Type Locking Pawl

Recept # -845

Metal Pawl (on Poly Receptacle)

Recept # -824

Closed Lid Configuration

Recept # -NC

With Auxiliary Switch

Recept # -270+

Notes: + Not UL/CSA Listed.

** For self-ejecting connectors and plugs, a -443 suffix must be added to the handle part number. See pages 251-252 for more information.

~ Standard closed lid configuration.

! See pages 243-252 for detailed information on these options

Order Example: 480 V DS60 + 2 auxiliary contacts
DS60 Poly inlet 3P+G = 33-68043-972

INSTALLATION ACCESSORIES – SIZE 4

Accessories can be used with either poly or metal plugs and receptacles.

HANDLES

HANDLE w/NPT	Part # Poly	Part # Metal
 1/2"	514P0N05	594P0N05
 3/4"	514P0N07	594P0N07
1"	514P0N10	594P0N10
1 1/4"	514P0N12	594P0N12
1 1/2"	514P0N15	594P0N15

For available cord grips, see page 169. Add -443 for self-ejecting.

POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.680 - .980"	714P0DP4
	.980 - 1.260"	714P0EP4
	1.260 - 1.560"	714P0FP1

METAL HANDLE w/CORD GRIP		
	.750 - .875"	794P0DS1
	.875 - 1.000"	794P0DS3
	1.000 - 1.125"	794P0ES2
	1.250 - 1.375"	794P0FS1
	1.438 - 1.562"	794P0FS2*
	1.562 - 1.688"	794P0FS3*
	*May require stripping of cable jacket.	

*May require stripping of cable jacket.

POLY HANDLE		
	.51 - 1.38"	514P0D35

POLY HANDLE w/BUILT IN DRAW GRIPS		
	.51 - 1.38"	514P0D35473
Makes connector closures easier.		

Makes connector closures easier.

POLY HANDLE w/CLAMP & BUSHING		
	1.250 - 1.375"	714P0S22
	1.438 - 1.562"	714P0S25
	1.562 - 1.688"	714P0S27
	1.688 - 1.812"	714P0S29

ANGLES

POLY ANGLE	Angle	Part # Poly	Part # Metal
 30°	514M3	 70°	514M7 panel mounting only

METAL ANGLE	Angle	Part #	Notes
 0°	594M0		
 30°	594M3		
 30°	794M3L		
 Oversized 30°	794M3		Mounts on oversize box only. Order with 7T5F0Nxx. See pg 52.
 70°	594M7		

BOXES

POLY CONDUIT ENTRY w/NPT	Angle	Size	Part #	Notes
 30°	1/2"	514B3N05		For poly devices only
30°	3/4"	514B3N07		
30°	1"	514B3N10		* Interior volume with receptacle installed.
* 27.7 in ³	1 1/4"	514B3N12		

POLY WALL BOX w/ANGLE	Angle	Part #	Notes
 70°	514C7000		70° poly boxes are not drilled. Contact Customer Service if factory drilling is required. * Interior volume with receptacle installed.
* 181.24 in ³			
	Ground Bar	51AA089	

POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
 70°	1/2"	714C7N05		
70°	3/4"	714C7N07		
70°	1"	714C7N10		* Interior volume with receptacle installed.
* 177.7 in ³	1 1/4"	714C7N12		
70°	1 1/2"	714C7N15		

METAL BOX w/NPT



0°	1"	7T4F0N10
0°	1 1/4"	7T4F0N12
0°	1 1/2"	7T4F0N15
0°	2"	7T4F0N20

POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
 30°	1"	714C3N10		For metal angle, replace "71" prefix with "79".
30°	1 1/4"	714C3N12		
30°	1 1/2"	714C3N15		
* 61.0 in ³ Poly Angle	2"	714C3N20		* Interior volume with receptacle installed.
* 59.4 in ³ Metal Angle				

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	Part #	Notes
	31-6A346	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.

PROTECTIVE INLET/PLUG CAP	Part #	Notes
	31-6A426	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	DS6PC	Poly – For Inlets/Plugs Only.
	DS6MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	31-6A226	For Poly Inlets/Plugs Only.
	39-6A226	For Metal Inlets/Plugs Only.
		-A155 suffix required to maintain water ingress protection.

RECEPTACLE LOCKING PIN	Part #	Notes
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.